

03500.017376.

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

MASAHIKO KUBOTA ET AL.

Application No.: 10/615,305

Filed: July 9, 2003

For: METHOD OF MANUFACTURING)
MICROSTRUCTURE, METHOD :
OF MANUFACTURING LIQUID)
DISCHARGE HEAD, AND :
LIQUID DISCHARGE HEAD)

)
: Examiner: Not Yet Assigned

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: Group Art Unit: Not Yet Assigned

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:
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: August 5, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

For the concise explanation of relevance for the non-English documents, the Examiner is referred to the English Abstracts for each of them. Applicants also note that JP 6-45242 corresponds with U.S. Patent No. 4,657,631; JP 3143307 corresponds with U.S. Patent No. 5,478,606; JP 10291317 corresponds with U.S. Patent No. 6,158,843; JP 60161973 corresponds with U.S. Patent No. 4,565,859; and JP 4-216952 corresponds with U.S. Patent No. 5,331,344.

The Examiner's attention is also directed to the following U.S. Applications:

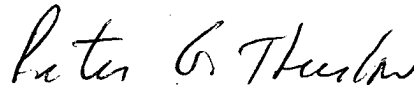
<u>APPLICATION NO.</u>	<u>FILING DATE</u>	<u>GROUP ART UNIT</u>
10/615,289	7/9/03	N.Y.A.
10/615,302	7/9/03	N.Y.A.

A copy of each cited Application is enclosed.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



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APPLICANT
MASAHICO KUBOTA ET AL.FILING DATE
July 9, 2003GROUP
NYA

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,657,631	04/14/87	Noguchi	156	655	
	5,331,344	07/19/94	Miyagawa et al.	347	63	
	5,478,606	12/26/95	Ohkuma et al.	427	555	
	6,158,843	12/12/00	Murthy et al.	347	47	
	4,565,859	01/21/86	Murai et al.	528	365	
	6,158,843	12/12/00	Murthy et al.	347	47	
	4,882,595	12/21/89	Trueba et al.	346	140 R	
	6,179,413 B1	01/30/01	Coulman et al.	347	63	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
JP	64-9216		Japan			Abstract
JP	2000/326515		Japan			Abstract
JP	6-45242		Japan			Abstract & U.S. Patent No. 4,657,631
JP	2-140219		Japan			Abstract
JP	4-216952		Japan			Abstract & U.S. Patent No. 5,331,344
JP	3143307		Japan			Abstract & U.S. Patent No. 5,478,606
JP	10-291317		Japan			Abstract & U.S. Patent No. 6,158,843
JP	63-221121		Japan			Abstract
JP	60-161973		Japan			Abstract & U.S. Patent 4,565,859

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

Journal of Polymer Science "Fourth International Symposium on Cationic Polymerization", pp 383-395, (1976).

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.